

Email: asimpson@ludwig.org.br
 This sequence was derived from the FAPESP/LICR Human Cancer Genome project. This entry can be seen in the following URL:
http://www.ludwig.org.br/scripts/gethtml?m12_f1+1-prc512-prc-gno281-150201-012-An913-2001-02-15614-1

FEATURES

Source	Location/Qualifiers	BASE COUNT	ORIGIN
1. 215... /organism="Homo sapiens" /db_xref="taxon:9606" /clone lib="GN028A" /dev_stage="Adult" /note="Organ: placenta-normal; Vector: puc18; Site_1: Smal ; Site_2: SmaI; A mini library was made by cloning products derived from QRESTES PCR (U.S. Letters Patent Application No. 1,967,716 - Ludwig Institute for Cancer Research) profiles into the pUC18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."	22 a 34 g 68 t	81 a 38 c 96 g 19 t	

FEATURES

Source	Location/Qualifiers	BASE COUNT	ORIGIN
1. 215... /organism="Homo sapiens" /db_xref="taxon:9606" /clone lib="GN028A" /dev_stage="Adult" /note="Organ: placenta-normal; Vector: puc18; Site_1: Smal ; Site_2: SmaI; A mini library was made by cloning products derived from QRESTES PCR (U.S. Letters Patent Application No. 1,967,716 - Ludwig Institute for Cancer Research) profiles into the pUC18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."	215 69.00 0.008 1.30.051 1.06.691 14 0	215 69.00 0 100.008 120 0	

Alignment Scores:

Prod. No.	Length:	Score:	Percent Similarity:	Best Local Similarity:	Query Match:	DB:
0.121	215	69.00	100.008	1.30.051	1.06.691	BG754562

RESULT 4

LOCUS	DEFINITION	VERSION	KEYWORDS
BG754562	602710194f1_NHU_My-4R	2.34 bp mRNA sequence.	EST
	LINEAR	1.00	MAGE:4846;610_6;
	mRNA sequence.		
	BG754562		
	BG754562.1	01:14065215	
	EST		
	human		
	Homo sapiens		

Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominoidea, Homo.

COMMENT

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http://www.ludwig.org.br/scripts/gethtml?m12_f1+1-prc512-prc-gno281-150201-012-An913-2001-02-15614-1

FEATURES

Source	Location/Qualifiers	BASE COUNT	ORIGIN
1. 234... /organism="Homo sapiens" /db_xref="taxon:9606" /clone lib="GN028A" /dev_stage="Adult" /note="Organ: placenta-normal; Vector: puc18; Site_1: Smal ; Site_2: SmaI; A mini-library was made by cloning products derived from QRESTES PCR (U.S. Letters Patent Application No. 1,967,716 - Ludwig Institute for Cancer Research) profiles into the pUC18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."	234 1 0	234 1 0	

RESULT 9
B1050028/c

LOCUS B1050028 294 bp mRNA linear USI:17 J08-2901

DEFINITION CM2-NR_022094.022094-576-CM294 Homo sapiens cDNA mRNA sequence.

ACCESSION B1050028

VERSION B1050028.1

KEYWORDS EST.

SOURCE human.

ORGANISM Homo sapiens

CHARACTERS Metazoa; Chordata; Craniota; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

REFERENCE Dias Neto, E., Garcia Correa, R., Verjovski-Almeida, S., Briones, M.R., Nagai, M.A., da Silva, W.Jr., Zago, M.A., Bordim, S., Costa, F.P., Goldmman, G.H., Carvalho A.F., Matsukuma, A., Baia, C.S., Simpson, D.H., Brunstein, A., de Oliveira, P.S., Bucher, P., Joncencel, C.V., O'Hare, M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J., and Simpson, A.J.

AUTHORS

TITLE Shotgun sequencing of the human transcriptome with ORF expressed sequence tags

JOURNAL Proc. Natl. Acad. Sci. U. S. A. 97 (7), 3491-3496 (2000)

MEDLINE 20202663

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This sequence was derived from the FAPESP/LICR Human Cancer Genome Project. This entry can be seen in the following URL:
<http://www.ludwig.org.br/scripts/3getfrm2.pif?fr=1&fr4=1>

FEATURES

SEQUENCE SOURCE

1. 28/Vector: puc18; Site_1: Small; Site_2: Small; A mini library was made by cloning products derived from OBESTES PCR (U.S. letters patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the PUC 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions.
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/clone_lib="CTP0012"
/dev_stage="Adult"
/note: "origin: vector; puc18; Site_1: Small; Site_2: Small; A mini library was made by cloning products derived from OBESTES PCR (U.S. letters patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the PUC 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."
BASE COUNT 34 a 114 C 36 g 90 t

ORIGIN

Alignment Scores:
Pred. No.: 0.154 Length: 294
Score: 69.00 Matches: 14
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 13 Gaps: 0

OBESTES-95-97-1' (1:14) x 10:05:528 (1:294)

QY 1 GluArgGlyLysGlnGlnMetMetArgGluLysGluGluLeu 14

DEFINITION K-EST009421 S9SN1601 Homo sapiens cDNA clone S9SN1601-4-gnq 5', mRNA sequence.

DB: 143 GAGGAAACAAAATGATATGAGAAGGAGGATGTT 184

RESULT 10
BMB21086

LOCUS BMB21086 312 bp mRNA linear USI:36 MAK-2002

DEFINITION K-EST009421 S9SN1601 Homo sapiens cDNA clone S9SN1601-4-gnq 5', mRNA sequence.

ACCESSION RMB27086
 KEYWORDS EMBL
 SOURCE human
ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 312)
AUTHORS Dias Neto, E., Garcia Correa, R., Verjovski-Almeida, S., Brittoes, M.R., Nagai, M.A., da Silva, W. Jr., Carvalho, A.F., Bordin, S., Costa, F.P., Goldman, G.H., Carvalho, A.F., Matsukuma, A., Baia, G.S., Simpson, D.H., Brustein, A., de Oliveira, P.S., Bucher, P., Jonquieire, C.V., O'Hare, M.J., Soares, F., Prentani, P.P., Peix, L.F., de Souza, S.J., and Simpson, A.J.
TITLE Kim, N.-S., Hahn, Y., Oh, J.-H., Lee, J.-Y., Ahn, H.-Y., Chu, M.-Y., Kim, M.-R., Oh, K.-J., Cheong, J.-E., Sohn, H.-Y., Kim, J.-M., Park, H.-S., Kim, S., and Kim, Y.-S.
JOURNAL Unpublished (2002)
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 plate: 44 row: C column: 09
 High quality sequence stop: 312.
 location/qualifiers 1..312
FEATURES
source
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="SWSN001-44-G09"
/clone_id="SWSN001"
/sex="M"
/tissue_type="Asciites"
/cell_type="Epithelial"
/lab_host="KRIFF"
/note="organ: Stomach; Vector: PME18-F13; Site 1: XbaI; Site 2: XbaI; The poly (A) RNA was dephosphorylated with bacterial alkaline phosphatase (BAP) and then decapped with tobacco acid pyrophosphatase (TAP). The decapped intact mRNA was ligated with DNA RNA linker including SfiI site by treatment of T4 RNA ligase and the first strand cDNA was synthesized with Superscript II using SfiI oligo-dT primer. After first strand synthesis, RNA was degraded by NaOH treatment and cDNA was amplified by PCR reaction. The PCR products were digested with SfiI and cloned into blunted digested pMB18/F13 vector. The obtained cDNA vectors were used for transformation of competent cells E. coli top10F by electroporation method. The cDNA libraries constructed by this method are full length enriched cDNA library."
BASE COUNT 108 a 60 c 110 q 34 t
ORIGIN 10H:
ALIGNMENT SCORES:
 Pred. No.: 0.174 Length: 312
 Score: 6.9.00 Matches: 14
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 10H: 14 Gaps: 0
 Q5 09 856-070-17 (1-14) x BMB27086 (1-312)
DEFINITION 1 GluArogluLysGluGlnMetArgGluLysGluGluLeu 14
ACCESSION A190976_3
VERSION A190976_3.1
KEYWORDS human
RESULTS 11
ACCESSION A190976_3
DEFINITION 1 GluArogluLysGluGlnMetArgGluLysGluGluLeu 14
ACCESSION A190976_3
VERSION A190976_3.1
KEYWORDS human
ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 318)
AUTHORS Dias Neto, E., Garcia Correa, R., Verjovski-Almeida, S., Bordin, S., Costa, F.P., Goldman, G.H., Carvalho, A.F., Matsukuma, A., Baia, G.S., Simpson, D.H.,

SMT 15
744-771
EST 01-MAR-2002
mRNA linear
S45NU1-18-D1 5', mRNA
sequence.

ZINC Frontline KOR01 project 2001
 unpublished (2002)
 contact: Kim YS
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 Fax: +82-42-860-4409
 Email: yondu@kribb.re.kr
 Plate: 18 row: f column: 12
 High quality sequence stop: 404.
 location/qualifiers
 1..404
 source
 taxon: "Homo sapiens"
 db_xref: "taxon:9606"
 clone_id: "SASNU1-18-D12"
 clone_id: "SASNU1"

/tissue type- "Stomach"
 /cell-type "lymphoblast-like"
 /cell-line "SNU-1"
 /lab-host "TopoI"
 /note "origin: Stomach; vector: pGEM-
 Site_2; NotI; EcoRI poly(A); RNA
 bacterial alkaline phosphatase
 with tobacco acid pyrophosphatase
 intact mRNA was ligated with D
 Nase I by treatment of T-RNA
 cDNA was synthesized from oligo
 priming with detailed vector,
 adjusted to have about 60 nt, the
 circularized with E. coli DNA
 EcoRI which site is also included
 converted to a DNA strand by Ok
 obtained cDNA vectors were used
 competent cells E. coli top10F
 the cDNA libraries constructed
 full-length enriched cDNA library

ORIGIN		Alignment Scores:	
	Length:	Pred. No.:	Score:
Query	1	GluArgGluLysIleGlnMetMethionineGluGluLeu	0.224
Subject	1	IleGluGluGluGluGlnGluGluGluGluGluGluGlu	69.00
Percent Similarity	100.00%	Best Local Similarity:	100.00%
Query Match:	100.00%	DB:	14
DB:	14	Matches:	100
		Conservative	100
		Mismatches:	0
		Indels:	0
		Gaps:	0
		US-09-856-070-17 (1-14) x EM744771 (1-404)	
		US-09-856-070-17 (1-14) x EM744771 (1-404)	
		US-09-856-070-17 (1-14) x EM744771 (1-404)	

Search completed: January 15, 2003, 21:37:02
Job time : 1856.4 secs